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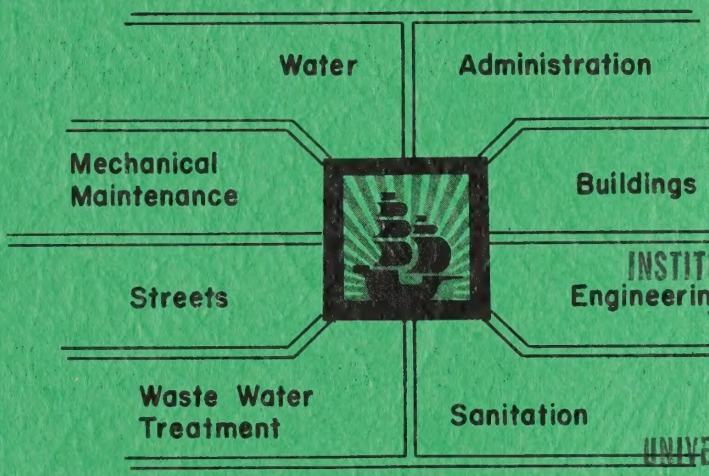
1979-1980

Department of
Public Works



INSTITUTE OF GOVERNMENTAL
NOV 24 1980
UNIVERSITY OF CALIFORNIA

1979 - 80
Annual Report

City of Santa Maria

CITY OF SANTA MARIA • 110 EAST COOK STREET • SANTA MARIA, CALIFORNIA 93454 • 805-925-0951

Public Works Department

October 1, 1980

Mr. Robert F. Grogan
City Administrator
City of Santa Maria
110 East Cook Street
Santa Maria, CA 93454

Dear Bob:

It is with a great deal of pleasure that this fiscal year report for 1979-80, which is the tenth in a continuing series of this type, is transmitted. Contained in this report for recordation are the significant departmental activities which have occurred during this time period.

We have attempted to include in this report material of statistical and historical value, as well as information of personal interest.

It is appropriate here to express our gratitude to the rest of the City staff for the cooperation and assistance which contributed to our departmental accomplishments. We are even more grateful for the sympathy and understanding that was received for our failures. We look forward to the continuing opportunity to make a contribution toward the total City government's service to its community.

Very truly yours,

Reese N. Riddiough

REESE N. RIDDIOUGH
Director of Public Works

A Ø183
1979/1980

CITY COUNCIL

George Hobbs, Jr.	Mayor
Jack Adam	Mayor Pro Tempore
Donald Shaw	Councilman
Allen Burke	Councilman
Toru Miyoshi	Councilman

ELECTED OFFICIALS

Dorothy S. Lyman	City Clerk
William W. Winter	Treasurer

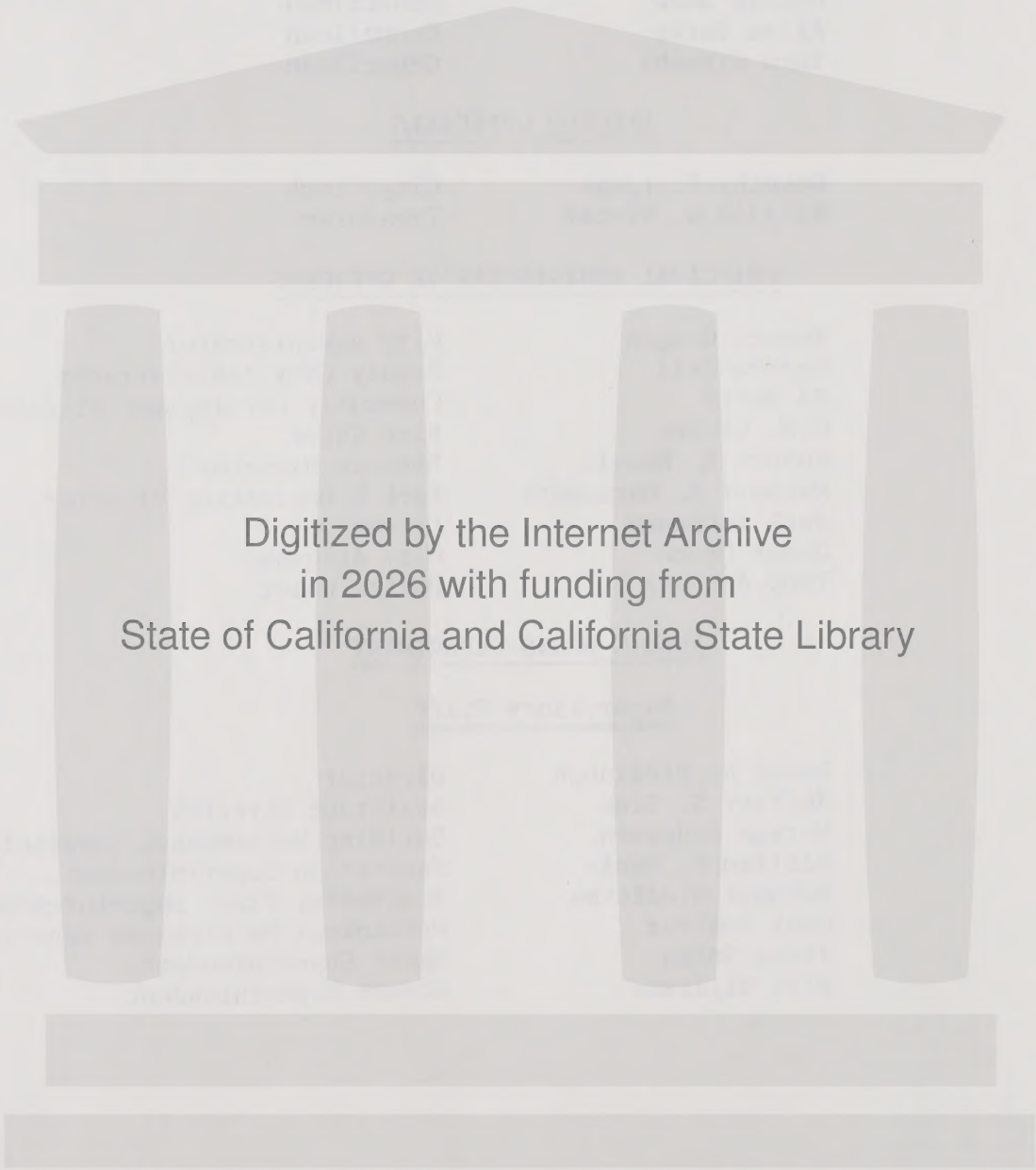
PRINCIPAL ADMINISTRATIVE OFFICERS

Robert Grogan	City Administrator
Gordon Gill	Deputy City Administrator
Al Autry	Community Development Director
C.W. Crakes	Fire Chief
Robert S. Hossli	Finance Director
Michael A. Maramonte	Park & Recreation Director
Jack Buchanan	Librarian
James Orton	City Attorney
Tony Anthony	Police Chief

PUBLIC WORKS DEPARTMENT

Supervisory Staff

Reese N. Riddiough	Director
Jeffrey S. Sinn	Assistant Director
Norman Anderson	Building Maintenance Superintendent
William F. Noble	Sanitation Superintendent
Bennett Middleton	Wastewater Plant Superintendent
Hank Ramirez	Mechanical Maintenance Superintendent
Jesse Smith	Water Superintendent
Bill Williams	Street Superintendent



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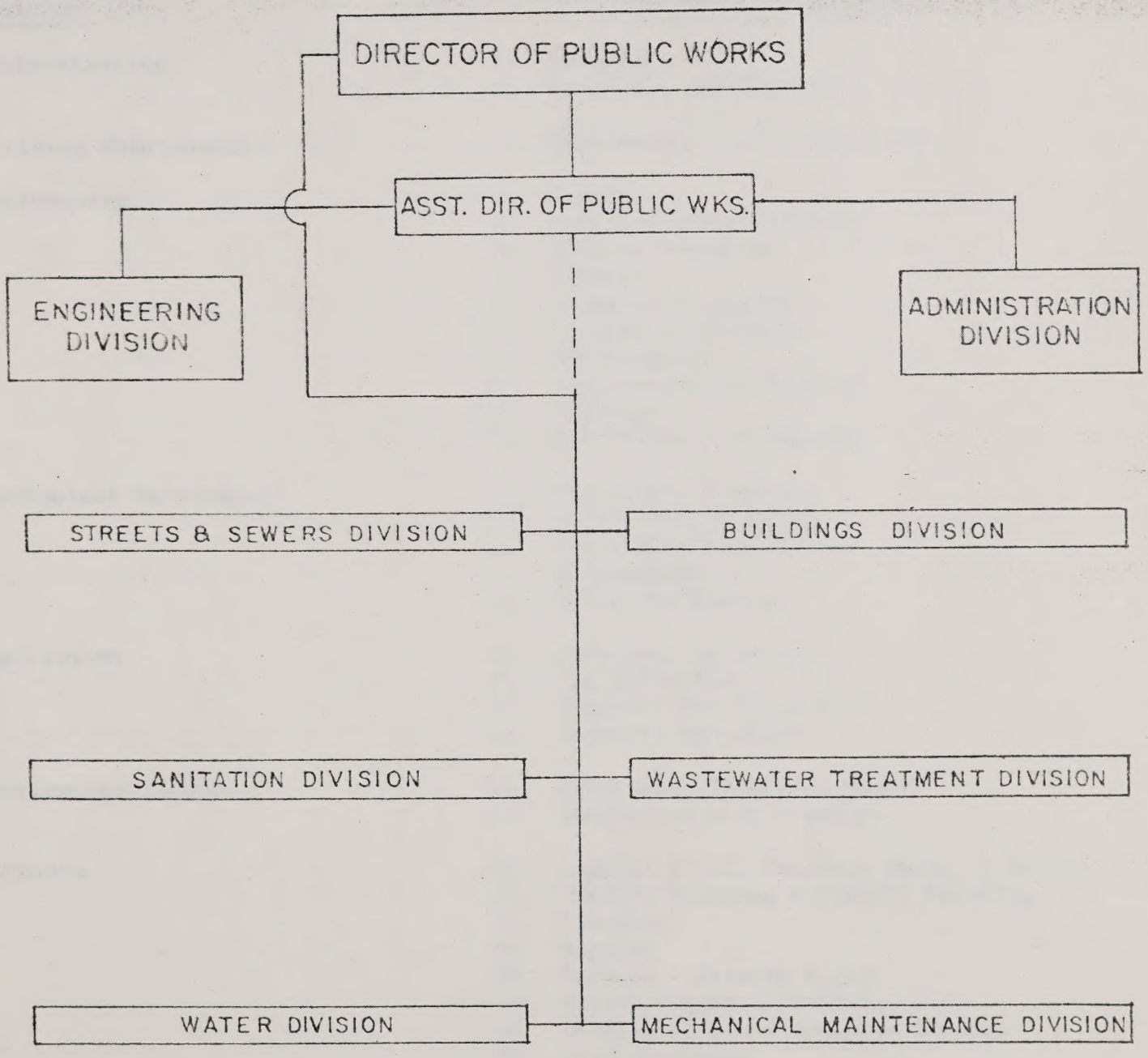
ORGANIZATION CHART

PUBLIC WORKS



DIVISION ACTIVITIES

The thirty-six (36) functional activities of the department are assigned to one of eight divisions. Highlights of the past year regarding each of these divisions are summarized in this report.

Division	Functional Activities
Administration	1. Directors 2. Secretary and Clerical
Building Maintenance	3. Maintenance and Modification
Engineering	4. Design 5. Contract Administration 6. Advance Planning 7. Traffic 8. Graphics & Records 9. Private Development 10. R/W Property 11. Engineering Information 12. Drainage 13. EIR Information Reports
Mechanical Maintenance	14. Operator's Training 15. Maintenance & Repair 16. Preventive Maintenance 17. Dispatching 18. Parts and Records
Sanitation	19. Container Collection 20. Can Collection 21. Disposal Fee Collection 22. Landfill Operation
Wastewater Treatment	23. Wastewater Treatment Plant 24. Wastewater Lift Stations
Streets	25. Asphalt & P.C. Concrete Maint. & Repair 26. Traffic Striping & Stencil Painting 27. Sweeping 28. Signing 29. Parking - Streets & Lots 30. Street Lights & Electric 31. Grading Alleys & Drainage Ditches 32. Weed Abatement 33. Maintain Sewer Lines 34. Stowell & Santa Maria Town Centers
Water	35. Production 36. Distribution

ADMINISTRATION

This division is responsible for administrative and clerical support of all activities of the Public Works Department, including coordination of program planning, budget preparation and control, personnel, supervisory training, administrative reports, maintenance of engineering records and investigation of complaints.

Administratively, the department processed, through the promotional procedure, four (4) C.E.T.A. (Comprehensive Employment & Training Act) individuals. This was in addition to numerous part time employees who were processed to work for the various divisions as noted uner Personnel Notes.

The Public Works Department during fiscal year 1979-80 and prior to November 1, 1979 issued a total of 41 permits; 31 Street Encroachment Permit Applications for concrete work totaling $3,229.83 and 10 Street Encroachment Permit Applications for excavation work totaling $411.00. That money was held only as a deposit and was to be returned to the applicant upon satisfactory completion of the work and approval by the City. No permits were forfeited to the City. Consequently, $411.00 has been returned to the permittees for the satisfactory patching of excavations that were completed and approved by the City.

The Public Works Department during fiscal year 1979-80 and after November 1, 1979, when a new City wide fee structure was implemented, no longer requires a deposit for Street Encroachment Permit Applications (concrete or excavation). The new permit system requires a fee, which is to defray administrative costs involved and there are no longer any funds returned to the permittee. Total amount collected for both concrete and excavation permits after November 1, 1979 amounted to $3,149.62. Total permits issued by the Public Works Department were 76 with only 4 permits issued as no charge. These no charge permits were issued to Santa Barbara

County, Union Oil and a private citizen who had already paid his fee through the Community Development Department.

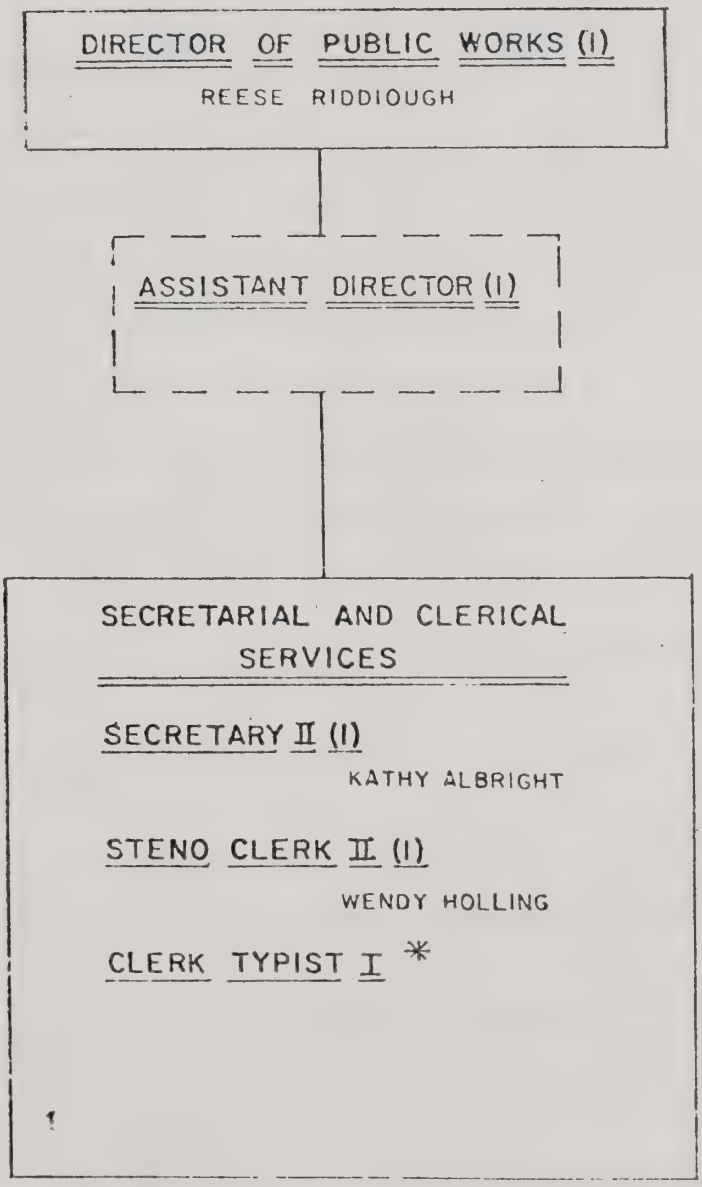
Consequently, the Public Works Department during fiscal year 1979-80 issued a grand total of 117 Street Encroachment Permit applications.

ADMINISTRATION DIVISION

CITY OF SANTA MARIA

DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART



* PART TIME

BUILDING MAINTENANCE DIVISION

The Building Maintenance Division has the responsibility for maintenance and modification of Public Works Center, City Hall, Library, Police Department, the McClelland-Broadway Moduals and advisory and modification responsibility on the Recreation & Parks units. These tasks involve all functions connected in the operation and upkeep of City buildings within the realm of skills and capabilities of this division.

The tasks completed this last fiscal year totaled as follows: Material and contract service - $46,103.19 of which $28,342.34 was contract services; 14,360.5 man hours of which 4,183.5 were C.E.T.A.; 392 hours work aides and 912.5 hours borrowed from other divisions and furnished by the S.C.S.E.P. program with 8,872.5 hours being furnished by permanent employees.

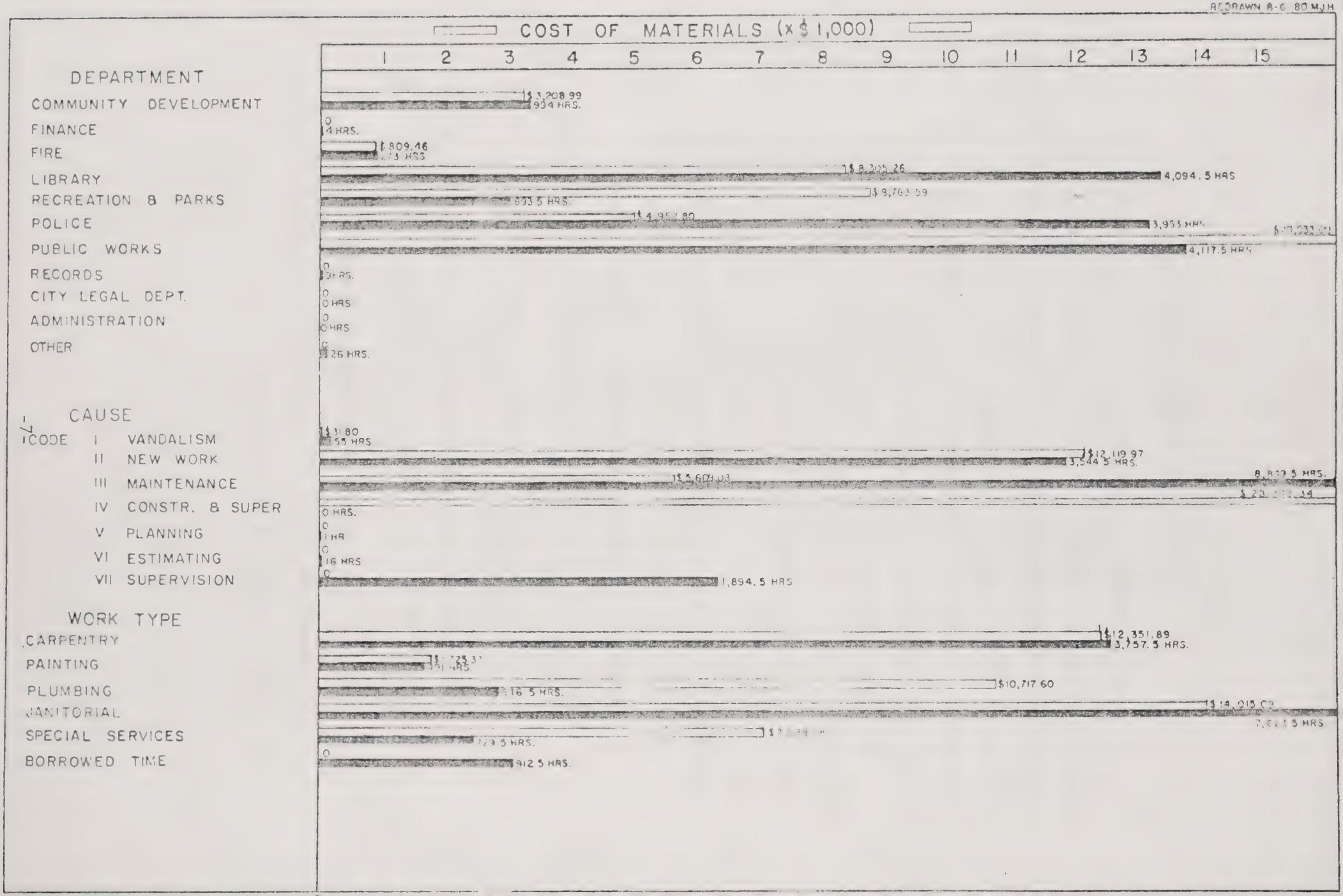
Highlights of jobs completed for fiscal year 1979-80 were as follows:

1. Remodeling of Commuication center at Police Station.
2. Installation of air-conditioners for telephone computer at Police Station.
3. Building additional storage room for Water Division at Public Works Center.
4. Remodel vacant municipal court room for Guadalupe Branch Library.
5. Remodel Public Works Administration building and installation of carpet.
6. Build and install counter at Community Development.
7. Replacement of portion of carpet and new drapes at City Library.
8. Renovate boiler at Paul Nelson Pool.

BUILDING MAINTENANCE ACTIVITY REPORT

1979 - 1980

REDRAWN 8-6-80 MJH



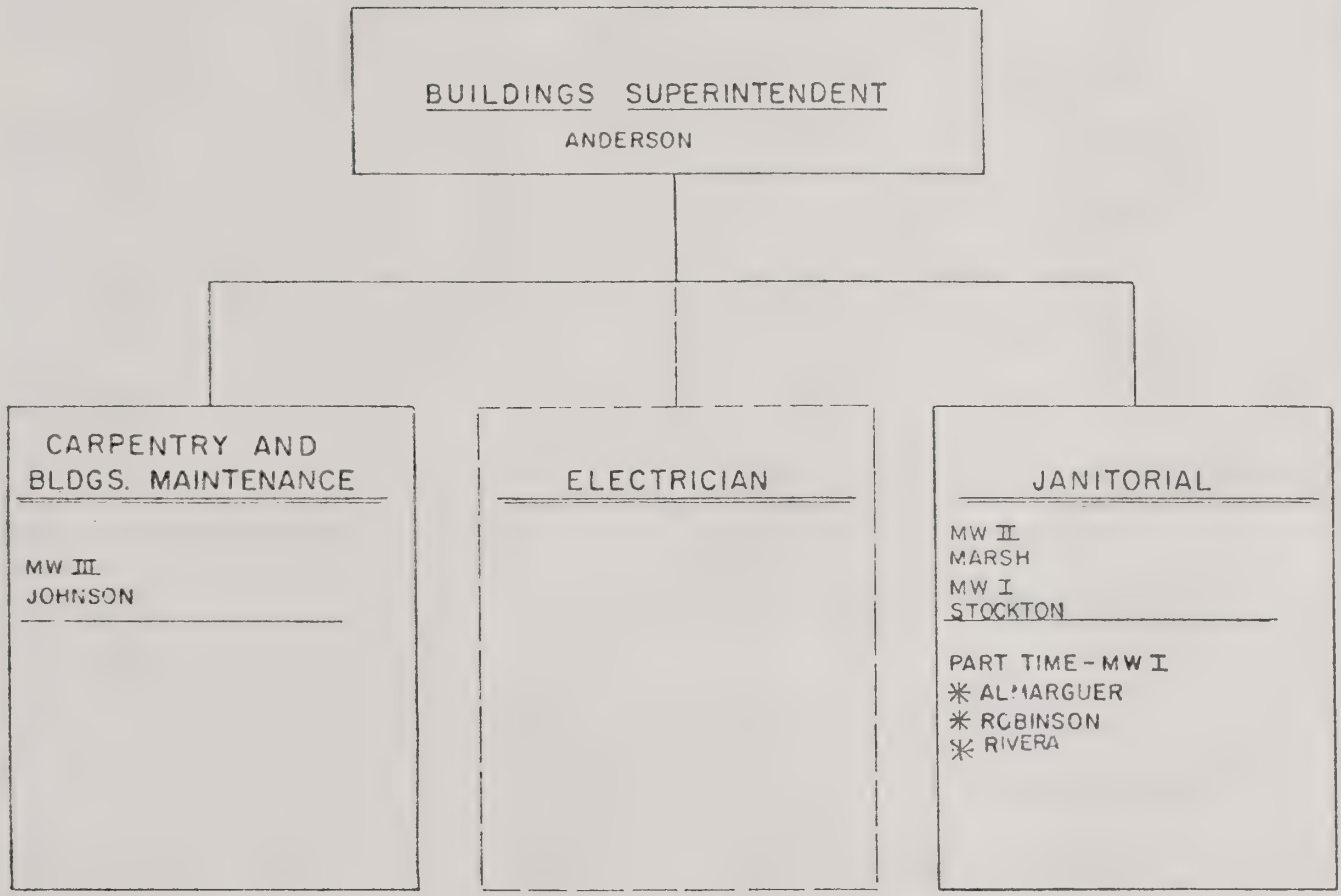
BUILDINGS DIVISION

CITY OF SANTA MARIA

DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART

(EXISTING)



* FULL PART TIME

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A-230

ENGINEERING DIVISION

The major construction projects for the past fiscal year include the completion of the 7 million gallon reservoir, and gymnasium-community center at Adam Park. In addition, repairs were made to the 6 million gallon reservoir. Several major water line improvements were completed, as well as the annual street maintenance contract.

Construction began on the $6.5 million wastewater treatment plant expansion. It is expected to be in service by September, 1981. Design of the disposal portion of the wastewater plant was completed with construction scheduled to be completed at the same time as the plant expansion.

As in recent years, private development continued at a high level of activity.

A new appointment for the position of Assistant Director of Public Works, Engineering Division was made in May of this year. The hiring of an Engineering Aide was the only other change in the personnel compliment for this division (see Plate 1).

The traffic study of South Broadway was completed and the results were the approval by the City Council and Caltrans on the installation of a two-way left turn lane from Cook Street to Stowell Road. Numerous studies and input were provided for the Miller Street extension project and adjacent developments. Currently, Miller Street north of Barcellus is under study.

Plate 2 shows the major activities of this division, plus their respective approximate costs as a percentage of the total division salaries. Total includes regular salaries, overtime and part time salaries. This total was $202,356.18 for the fiscal year 1979-80.

Total authorized budget for this division for 1979-80 was $314,270. The total amount expended or encumbered was $297,842 or approximately 95% of the funds authorized.

Private development and subdivision activity, shown on plate 2, include the following:

1. Building site reports for the permit application. 119
2. Subdivision reports for Subdivision Committee meetings. 48
3. Development Coordinating reports for Development Coordinating Meetings. 0

Traffic engineering and Traffic Committee activity shown on Plate 2 include the following:

1. Curb zone and parking investigation 20
2. Speed zone studies 5
3. Truck complaints 2
4. Intersection studies - traffic control 19
5. Traffic signal studies 1
6. Miscellaneous traffic controls 13
7. Traffic studies and reports 8
8. Annual traffic count summary
9. Downtown computer signal system maintenance
10. Broadway Study - Donovan to Fesler
    Cook to Stowell

Current engineering projects, shown on Plate 3, include any project accepted as complete by the City Council during the past year. These projects, prior to construction phase, had a set of plans and specifications prepared or reviewed by this division. Facts included on Plate 3 are the final contract amount, dates of Council award and final acceptance, and the percentage of engineering cost for the entire project based on the final contract price.

As recorded by this office, rainfall for the 1979-80 season was 13.97 inches which is very nearly at the average of 13.66 inches for the City.

ORGANIZATION CHART
EXISTING 1979-80

ENGINEERING DIVISION

ASSISTANT DIRECTOR OF PUBLIC WORKS (1)
(SINN)

PROJECT ENGINEER (1)
(PANTOJA)

PLANNING & DEVELOPMENT
- PRIVATE DEVELOPMENT
- R/W AND PROPERTY
- PERMITS
- ENG. INFO.

ASST. C.E. (1)
(USPAN)

TRAFFIC & GRAPHICS
- TRAFFIC COMMITTEE
- T.C. ADMIN.
- TRAFFIC DESIGN
- SIGNAL OPERATIONS
- GRAPHICS
- REPRODUCTION

TRANS.-PLAN. ENG. (.75)
(DIAZ)

ENG. AIDE (.25)
(HATHORN)

SURVEY

C.E. TECH.-INSP. (1)
(RIOS)

SR. ENG. AIDE (1)
(SOARES)

DESIGN

C.E. TECH.-INSP. (1)
(JUAN)

SR. ENG. AIDE (1)
(KIRKPATRICK)

ENG. AIDE (.5)
(HATHORN)

INSPECTION

C.E. TECH.-INSP. (2)
(WALL)
(PALATO)

ADMINISTRATION AND RECORDS
- RECORDS
- FISCAL
- ADMIN. AFFAIRS
- PERSONNEL
- ADVANCE PLANNING

TRANS.-PLAN. ENG. (.25)
(DIAZ)

ENG. AIDE (.25)
(HATHORN)

-PLATE 1-

ENGINEERING DIVISION

Fiscal Year Salary Expenditure (1979-80)

Percent*	Activity Classification
32.37	Private Development, Subdivisions, Public Inquiries
23.62	Current Engineering projects; design and construction
14.66	Non-productive (meetings, holidays, vacation, sick leave)
8.95	Information and records
4.92	Advance planning, annexations, engineering studies, underground distribution, microfilming
5.88	Support services (for City departments and divisions)
7.93	Traffic engineering and traffic committee
1.67	Administrative services, gas tax reports, 5870 proceedings
100.00%	

* Percent of total salaries

Total salaries include regular salaries, over time and part time (summer youth employment and CETA programs).

1979-80 Total: $202,356.18

PLATE 2

ENGINEERING DIVISION

PLATE 3

FISCAL YEAR ENGINEERING PROJECTS

(Project Construction Started and/or Completed; 7/1/79 to 6/30/80)

Bid No.	Project Description	Final Cont. Cost	Council Award	Council Acceptance	Percent Eng. Cost/Project	Contractor
	CITY PROJECTS					
78/18	Paul Nelson Pool Renovation	$ 242,510.42	03/14/78	Settlement Agreement approved 2/5/80	1.67%	Rex. W. Murphy Inc.
78/19	Adam Park Phase II	$1,204,732.96	05/02/78	09/18/79	0.75%	Don Greene Contractor, Inc
78/20	7 Million Gallon Reservoir	$1,219,062.69	06/20/78	04/15/80	1.18%	Cushman Contracting Corp.
79/12	Traffic Signal & Lighting Stowell/Bradley	$ 66,728.00	04/03/79	12/18/79	0.36%	Lee Wilson Electric Co.
79/14	Donovan Road Culvert Over Bradley Channel	$ 98,650.00	04/03/79	11/20/79	5.17%	Conco Engineering, Inc.
80/1	Street Maintenance 1979	$ 183,327.00	08/07/79	10/16/79	0.07%	Sully-Miller Contracting
80/5	Road Extension @ S.M. Landfill	$ 16,598.37	10/16/79	06/03/80	9.22%	A. J. Diani Construction
80/6	Fire Station #3 Improvements	$ 54,944.79	12/18/79	07/15/80	3.11%	J. W. Bailey Construction
80/7	Library Parking Lot Expansion	$ 29,539.80	12/18/79	07/15/80	1.22%	A. J. Diani Construction
80/11	Enos Drive - Broadway to Miller	$ 22,786.50	05/06/80	07/11/80	4.28%	Sully-Miller Contracting

MECHANICAL MAINTENANCE DIVISION

This division is responsible for the management of the City's entire fleet of vehicles and other similar equipment. The mobile and stationary fleet has slightly over 220 pieces of equipment of various sizes and types. The major portion consists of passenger vehicles and trucks. The remainder may be anything from lawn edgers to Caterpillar D-8 bulldozers.

The maintenance program includes "in-house" major overhauls, tune-ups, general repairs, minor body repairs, brake work, tire repairs, lubrication, and an effective preventive maintenance program. A critical analysis is performed on each job to assure best over-all economy. This has resulted in operating the division with a minimum dollar budget. This division is unique in that it operates as a "pool" rental system for all the mechanical equipment used by all the departments and divisions and entails the development of the specifications for purchasing of same; keeps detailed records for equipment cost analysis and setting of the rental rates for vehicles as well as the City radio communication units.

During the fiscal year, vehicles traveled 1,065,525 miles, an increase of 7.8% from last year, using some 186,807 gallons of fuel, an increase of 2.0% from last year. Service fuel delivery tickets used during this period were 13,720.

The division used 2,245 shop repair orders. This is a decrease of 68 less than was used last year.

The division used 68.0 man-hours to assist the other City department on specialized projects such as fabrication and welding. The cost of personnel, equipment, and material for this service is reimbursed through "Inter-departmental" billing.

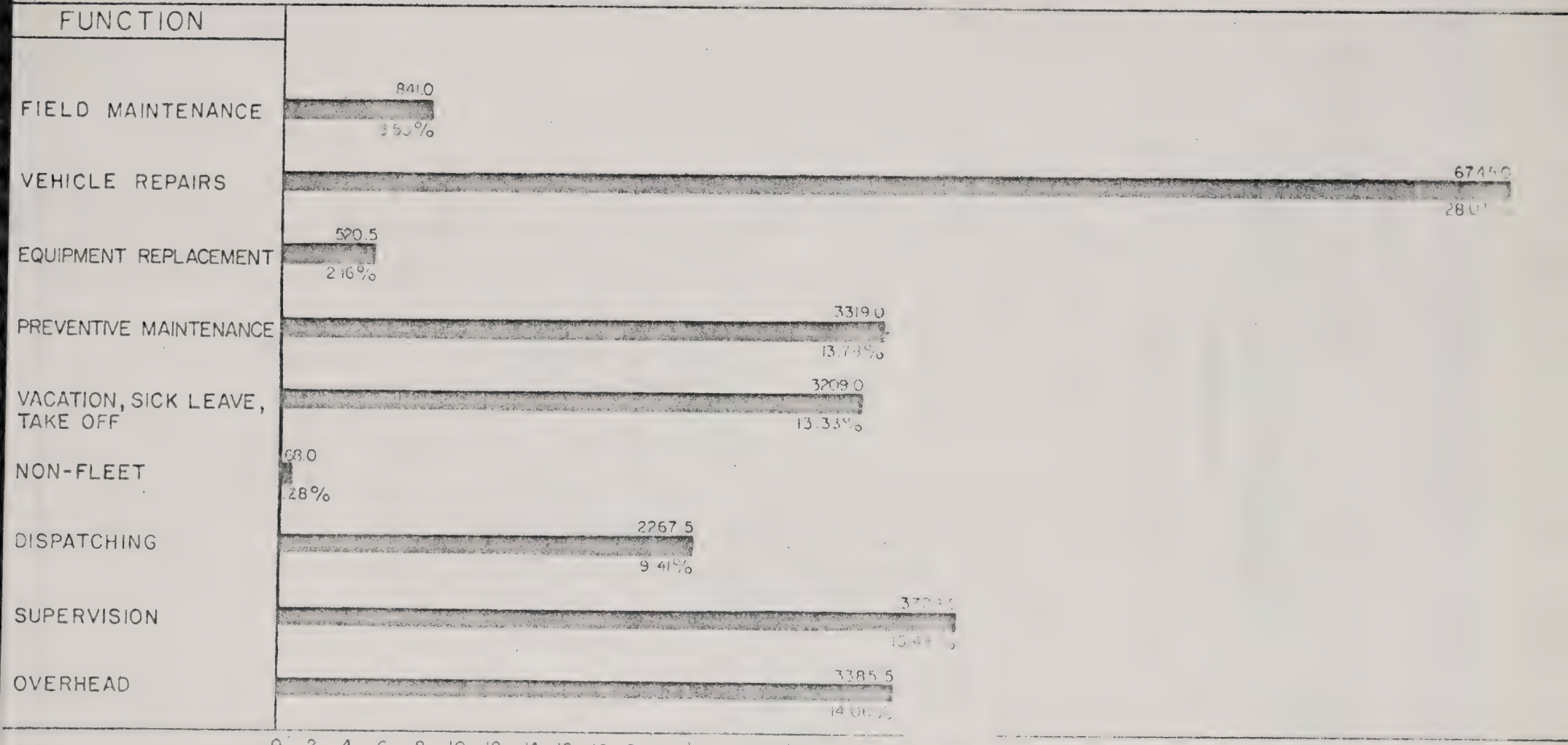
The division's total 1979-80 operating budget was $566,690. The total fiscal operating expenditure was $639.619, resulting in an over expenditure of $72,929. A budget balance is sustained through revenue from the Pool Rental Program and other reimbursements, as follows:

a)	Assigned and unassigned vehicles	$954,720
b)	Private party accident insurance	200
c)	Sale of surplus vehicles and equipment	10,000
d)	State of California gasoline road tax rebate	1,500
e)	Miscellaneous refund and warranty repairs	1,000
		$967,420

This year's equipment replacement program was highlighted by the introduction of three sanitation side loader refuse trucks powered by diesel engines. Maintenance and operation costs for this type of refuse truck is expected to be less costly than that of a conventional rear loader refuse truck. Although the diesel engines are rated more fuel efficient (per/Bhp) than gasoline engines, the monthly fleet fuel surveys indicate an increase in diesel fuel over prior year. This is due to the three sanitation trucks, water tank truck and street division dump truck all changed out from gasoline to diesel powered. Also, a diesel powered fire pumper truck was added to the fleet and sanitation division has expanded their commercial pick up service with their diesel powered front end loaders.

A reorganization within the Mechanical Division created a new position of Preventative Maintenance Inspector-Mechanic this past year. As a result of the new position and promotions, a Maintenance Worker II position (tire shop, gasing, washing, etc.) was not filled. Currently the tire shop duties and gasing are shared by part time and full time shop personnel.

MECHANICAL MAINTENANCE
MAN HOUR CHART 1979-80



TOTAL MAN HOURS:
24,085.0

REDRAWN 9-25-80

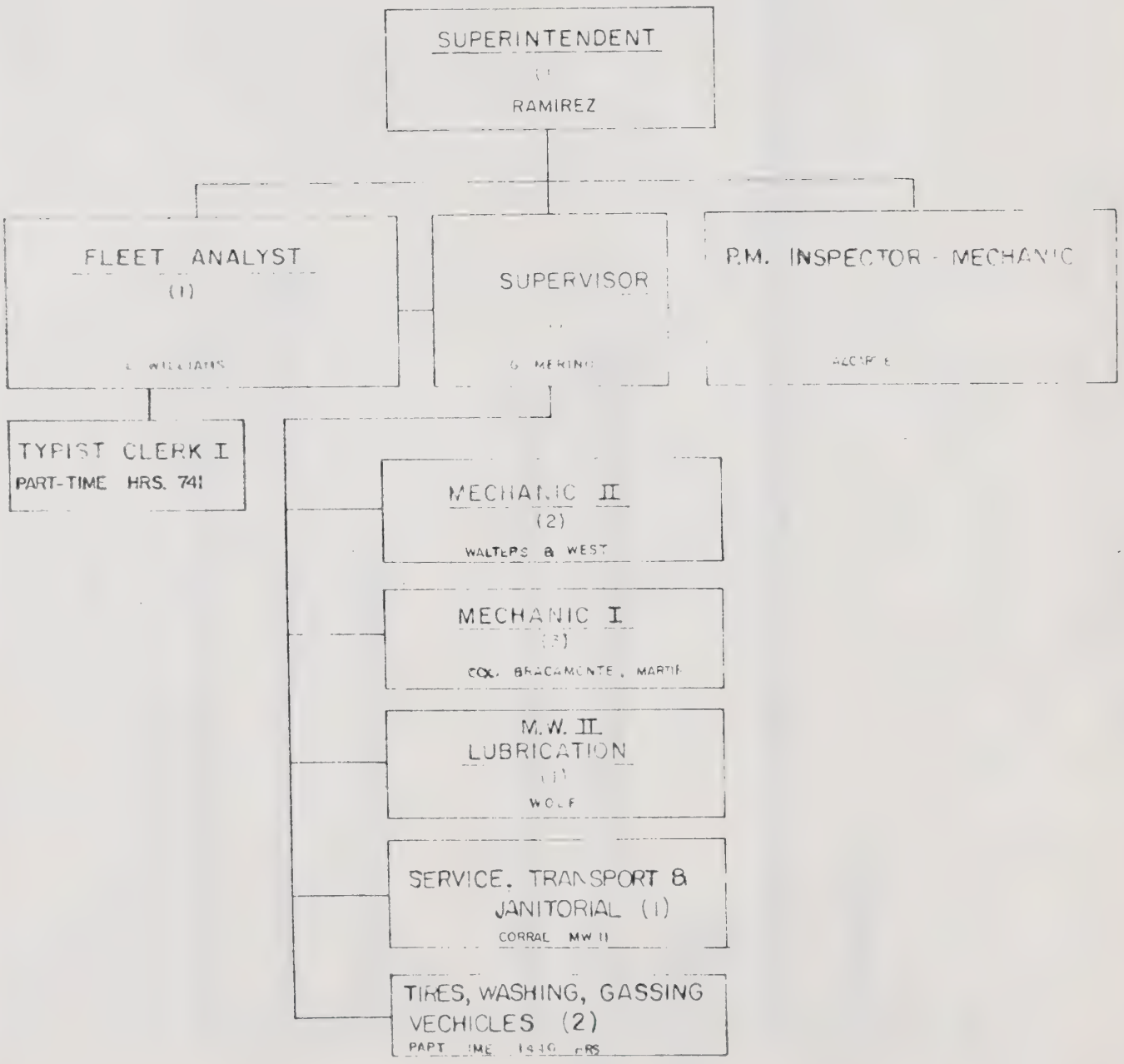
MECHANICAL MAINTENANCE DIVISION

CITY OF SANTA MARIA

DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART

(EXISTING)



SANITATION DIVISION

Collection

The collection section of the Sanitation Division is responsible for the collection of mixed refuse from approximately 9,786 residential and commercial accounts using City personnel and equipment. Residential refuse is collected twice each week and the commercial accounts are serviced from one to six times each week.

The collections are made by five residential rear loading crews and one side loader crew and the commercial accounts are picked up by two front loader drivers. In the near future a third front loader route will have to be added because the existing routes are up to capacity. A second side loader route will be added in the near future to conform to the City's conversion of rear loaders to side loaders. Residents are still bundling and putting out for collection old newspapers. As of June 30, 1980, 257.34 tons have been collected by City crews since the program was initiated on February 1, 1974.

Shown in Figure "I" is a comparison of the number of miles traveled by all Sanitation Division trucks for each of the last ten years for the month of June of each year. The drop off in miles traveled in 1974 can be attributed to the energy shortage and a resultant change in operation. The increase in 1975 is caused by new construction and when the new scales were available early in 1975 the Highway Patrol pointed out, in the form of a warning, that some of our trucks were overloaded. As a result more trips were made to the landfill with lighter loads.

FIGURE I

NUMBER OF MILES TRAVELED

	Residential	Commercial	Total
June 1970	3,622	2,140	5,762
1971	3,771	2,331	6,102
1972	3,814	2,294	6,108
1973	3,718	2,390	6,108
1974	3,329	2,237	5,566
1975	3,566	2,415	5,981
1976	3,324	2,710	6,034
1977	3,444	2,492	5,936
1978	3,865	2,711	6,576
1979	3,429	2,699	6,128
1980	3,621	2,699	6,320

Figure "II" and "III" are the tabulations showing the number of accounts for the residential and commercial over the past ten years. A point to be noted is the 1979 account figures were taken from the number of water meters in the City which included accounts serviced by Health Sanitation Service. The 1980 accounts are actual per computer print out.

NUMBER OF RESIDENTIAL ACCOUNTS

June 30, 1970	8,816
1971	8,818
1972	8,795
1973	8,843
1974	8,923
1975	9,025
1976	9,320
1977	9,470
1978	9,961
1979	10,220
1980	9,251

FIGURE II

NUMBER OF COMMERCIAL ACCOUNTS

June 30, 1970	217
1971	264
1972	303
1973	329
1974	358
1975	376
1976	427
1977	452
1978	482
1979	506
1980	535

FIGURE III

Figure "IV" shows the total cubic yards hauled by front loaders over the past 10 year period for the month of June of each year. The increase and decreases noted below are due in part to the fluctuations in the cardboard market. Early in 1975 the market dropped thereby increasing the amount of cardboard and newspapers rose, therefore, the front loaders picked up less even with new construction. New accounts in the past two (2) years probably account for the increase in cubic yards hauled in 1978 and 1979.

NUMBER OF CUBIC YARDS HAULED BY FRONT LOADERS (COMMERCIAL)

June 30, 1970	13,142
1971	12,073
1972	12,900
1973	13,261
1974	13,106
1975	14,536
1976	14,501
1977	16,959
1978	17,108
1979	18,708
1980	18,953

FIGURE IV

Figure "V" shows the total tons hauled for the past four years for the month of June of each year.

NUMBER OF TONS HAULED

	Residential	Commercial
June 1977	1,086	907
1978	1,166	1,167
1979	1,238	1,007
1980	1,074	985

FIGURE V

Capital improvements added this year consist of 50 new refuse bins purchased for new accounts.

Disposal:

The disposal section of the Sanitation Division is responsible for operation of the City Landfill along the easterly terminus of East Main Street. This involves the spreading, compacting and covering of all refuse produced in the City, as well as all produced by residents adjacent to the City in San Luis Obispo and Santa Barbara Counties. This also includes estimating small pickup loads and collecting cash or issuing charge tickets for all loads dumping at the landfill. Some of the associated activities, are comprised of constructing and maintaining of the access road and erecting fences for the control of blowing paper.

No increases in dumping fees were instituted during the fiscal year.

The only capital improvement in 1979-80 was a holding area (asphalt pad) for recyclable materials including 800' of road extension for another segment of the landfill.

Figure "VI" shows the acreage used through the fiscal years from 1964-65 to 1979-80. The variation from a normal increase each year starting in 1968-69 to present, is caused by the different types of land being used (reuse of the old dump versus clean land). The reduction in land used in 1976 and 1977 was caused by raising the height of the finished fill higher than in previous years, in addition to the clean land now being used. The increase in land used in 1978-79 is the result of not going above the levee height to make a hill and increased use of the landfill by the public. Approximately 178.10 acres of clean land is remaining for the existing landfill operation as of June 30, 1980.

Figure "VII" indicates the total number of tons received at the landfill for the various calendar years since operation of the scales commenced. These figures are reported on a quarterly basis to the Regional Water Control Board in compliance with Order No. 72-74 adopted October 12, 1972.

ACRES USED PER YEAR

1964-65	3.55
1965-66	3.76
1966-67	4.10
1967-68	5.53
1968-69	7.45
1969-70	5.00
1970-71	6.81
1971-72	8.20
1972-73	5.83
1973-74	6.70
1974-75	6.05
1975-76	4.96
1976-77	4.65
1977-78	5.37
1978-79	6.69
1979-80	9.89

FIGURE VI

Calendar Year	Tons
1977	68,519
1978	83,367
1979	85,800

FIGURE VII

SANITATION DIVISION
CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS
ORGANIZATION CHART

(EXISTING & PROPOSED)

SUPERINTENDENT (1)
NOBLE
COLLECTION (.75); DISPOSAL (.25)

FIELD SUPERVISOR (1)
MIRANDA

FIELD SUPERVISOR (1)
MONTES

FRONT LOADER OPERATOR
ANAYA
LIMON

P.T. FRONT LOADER OPERATOR (2)
M.W.II + 5%
MADRANO
CHAVEZ

DISPOSAL
M.W. III (2)
DUTRA
BROWN

ACCT. CLERK (2)
KOCH
MOORE

PART TIME
2,000 HOURS

COLLECTION CREW
M. W. II (1)
LEMOS

COLLECTION CREW
M. W. II (1)
KNOPH

COLLECTION CREW
M. W. II (2)
LOPEZ
KERR

COLLECTION CREW
M. W. II (2)
SANCHES
SOTO

COLLECTION CREW
M. W. II (2)
CABALLERO
HERNANDEZ

COLLECTION CREW
M. W. II (2)
GARCIA
COPPESS
PART TIME
8,320 HOURS

STREET DIVISION

The Street Division is responsible for preventative and regular maintenance of the City streets with appurtenant facilities. This includes emergency maintenance or repair caused by accidents, weather conditions, settlement, or other unusual unexpected damage.

The Street Division was composed of 10 maintenance workers, 2 electricians, 2 field supervisors and 1 street superintendent during the past fiscal year; augmented by 3 part time and 5 C.E.T.A. employees.

The continuation of the special C.E.T.A. project program authorized consisting of 3 C.E.T.A., under the supervision of one full time employee, to repair defective sidewalk damaged by tree roots was completed in December of 1979.

The degree and type of maintenance for each street or portion thereof in the total City street system of 126 miles is determined by the Street Superintendent taking into consideration traffic requirements and funds available.

High on the priority list is proper scheduling and planning of routine preventative maintenance procedures in order that any inconvenience to the public is kept to a minimum. Every effort is made to speedily correct hazardous conditions, which interfere with the flow of traffic, vehicular or pedestrian. Safety for the public is our number one consideration. The major maintenance activities conducted by the Street Division are as follows:

1. Travel-Way Maintenance:

    a. A/C Repair - Overlays - Chip Seal Coat
    b. Sweeping
    c. Concrete Improvement Repair
    d. Traffic Control
    e. Traffic Delineation
    f. Street Illumination and Electrical Maintenance

2. Sewage Collection Line Maintenance

3. Drainage Maintenance

4. Weed Abatement

1. TRAVELWAY MAINTENANCE

a. Travelway maintenance program during fiscal year 1979-80 consisted of placing 674 tons of either SC/800 or 85/100 asphaltic concrete on City streets in need of repair. This activity involves the repair of pot holes, water ditches, sewer ditches and renovation of portions of streets in preparation for annual overlays and seal coat program.

b. The annual major street maintenance program consisted of placing 5,934 tons of A/C on 760,140 sq. ft. of streets for a cost of $107,720 and placing 1,333/214 tons of chip/oil binder on 1,220,026 sq. ft. of streets for a cost of $57,047 and adjustment replacement of survey monuments, lampholes, valve boxes and manholes for a cost of $18,200. The total program cost = $182,967.

c. Street Sweeping: City streets were swept on a weekly schedule with the business area on a daily basis. The 2 motorized sweepers were operational approximately 453 sweeper days out of 520 sweeper days. The 67 days the sweepers were not operating were due to service repair, operator's illness, inclement weather, holidays and comp time off. The two sweepers removed and hauled to the landfill 2,094 tons of material swept off the City streets; using 8 pickup brooms and 26 gutter brooms.

d. Concrete Improvement Repair: This maintenance activity consists of repairing damaged or hazardous concrete improvements on vehicular or pedestrian travelways. The greatest percentage of the damage is caused by tree roots. The temporary repair of the hazardous concrete areas with asphaltic concrete has allowed the concrete crew to devote more time on the replacement of curb and gutter damaged by tree roots that tends to fall behind. There were 55 completed work orders for a total of 13,075 sq. ft. of concrete improvement repair with the use of transit-mix or mixing on-site approximately 172 cubic yards of concrete.

e. Traffic Control: This program includes all work performed in signing as a traffic control device and placed on City streets for the purpose of warning, regulating or guiding traffic. The work may consist of the manufacture, purchasing, assembly and installation of new signs; replacement of existing damaged signs and the repair, cleaning and painting of signs. Signs are replaced or repaired when they become defective due to age, weathering, vandalism, accidents or any other types of wear and tear.

This past year the following sign maintenance amounted to the installation of 258 regulatory, 299 guide, 185 warning. This crew also constructed 140 barricades.

f. Pavement Delineation: The pavement delineation program involved all work necessary to maintain and replace traffic directional street markings. Work included layout, removal of old stripes, painting of new or existing stripes and limited parking zones. This required the use of 1,081 gallons of traffic paint, 2 tons of beads, 150 gallons of lacquer and paint thinner.

g. Street Illumination & Electrical Maintenance: Street illumination is a major responsibility of this division and consists in the upkeep of 2,636 street lights and in addition includes electrical service as required by all departments and their subordinate divisions for new machines either changes in electrical circuits or electrical repairs.

During this period there were 326 mercury vapor lights converted to low pressure sodium lights by this division. Total savings, without the sacrifice of illumination, was approximately $14,880. The conversion of street light illumination will continue until all the lights that can be converted are completed. Project completion year is 1980-81; except for State Highways #101 & #166.

2. SEWAGE COLLECTION LINE MAINTENANCE

Emergency sewer stoppages were given top priority and every effort was made to respond as quickly as possible. Our maintenance program with the high

velocity sewer machine has reduced our sewer stoppage call backs. A preventative maintenance program caused the cleaning of 47,850 feet of sewer line and cleared as a result of sewer stoppage, 20,944 feet of sewer line. Replacement of 4 private sewer lateral was necessary since the damage was by tree roots in City right-of-way. The crew performing the cleaning also cleaned the drainage culverts prior to the winter season.

3. DRAINAGE MAINTENANCE

There are 30,300 feet of underground drainage facilities now in existance and has effected a reduction of flooding at intersections on some of our major arterials and other streets. Since the system has been in existance relatively little maintenance has been necessary. However, in the future the maintenance of the underground drainage system will increase. The present cleaning operations includes flushing of 110 intersection culverts, grading and weed control of 15 major drainage ditches; this work occurs twice annually with a 2 or 3 man crew and a contract applications of chemical weed control at a cost of $409.70.

4. WEED ABATEMENT

The weed abatement program takes most of seven months to complete and is conducted in five phases:

I Mid-fiscal year for lot inspection

II Posting lots for chemical weed abatement

III Application of chemical weed control

IV Posting lots for weed abatement and debris removal, manually and/or with equipment

V Manual destruction of weeds and cleaning of lots. This phase will run into the following fiscal year.

All phases require the posting and compilation of cost records to assure proper billing for each lot; all of which is forwarded to the City Clerk for the filing of assessment against the property. The entire weed abatement program during fiscal year 1979-80 came to a total of $14,459.33.

5. STOWELL & SANTA MARIA TOWN CENTERS-PARKING LOTS W/LANDSCAPING

The Stowell and Santa Maria Town Centers landscaping and parking area maintenance is performed by private contractors under the administration of the Street Division. Review for compliance with bid specifications and administration of expenditures in accordance with the contracts are the primary responsibilities. Performance standards are determined by periodic inspections and notifying the contractor of any deficiencies.

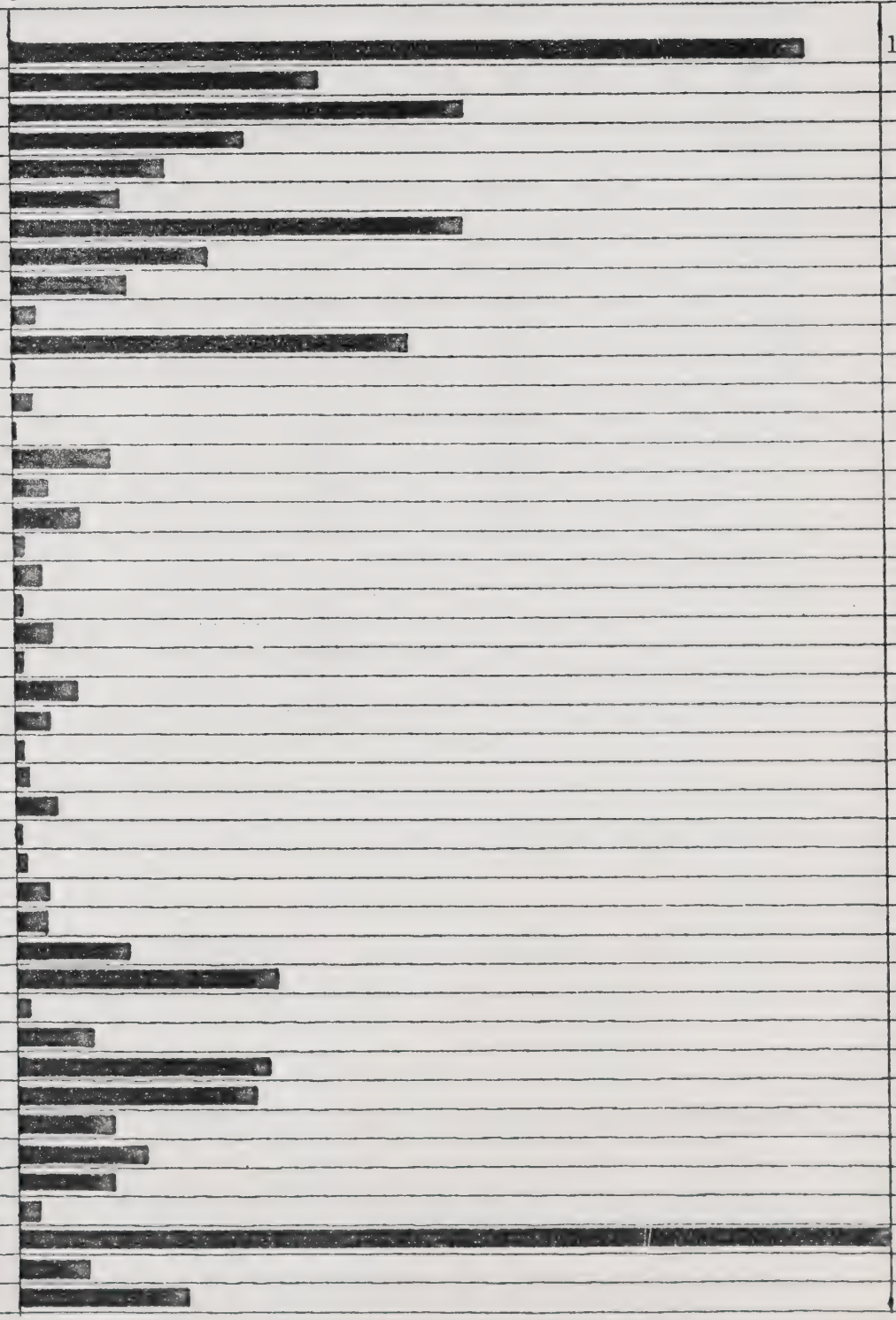
The following graph depicts manhours required for various segments of the Street Division work; note the asterisk indicates the manhours used by the electrical crew only.

STREET DIVISION MANHOURS

July 1, 1979 to June 30, 1980

= Electrical

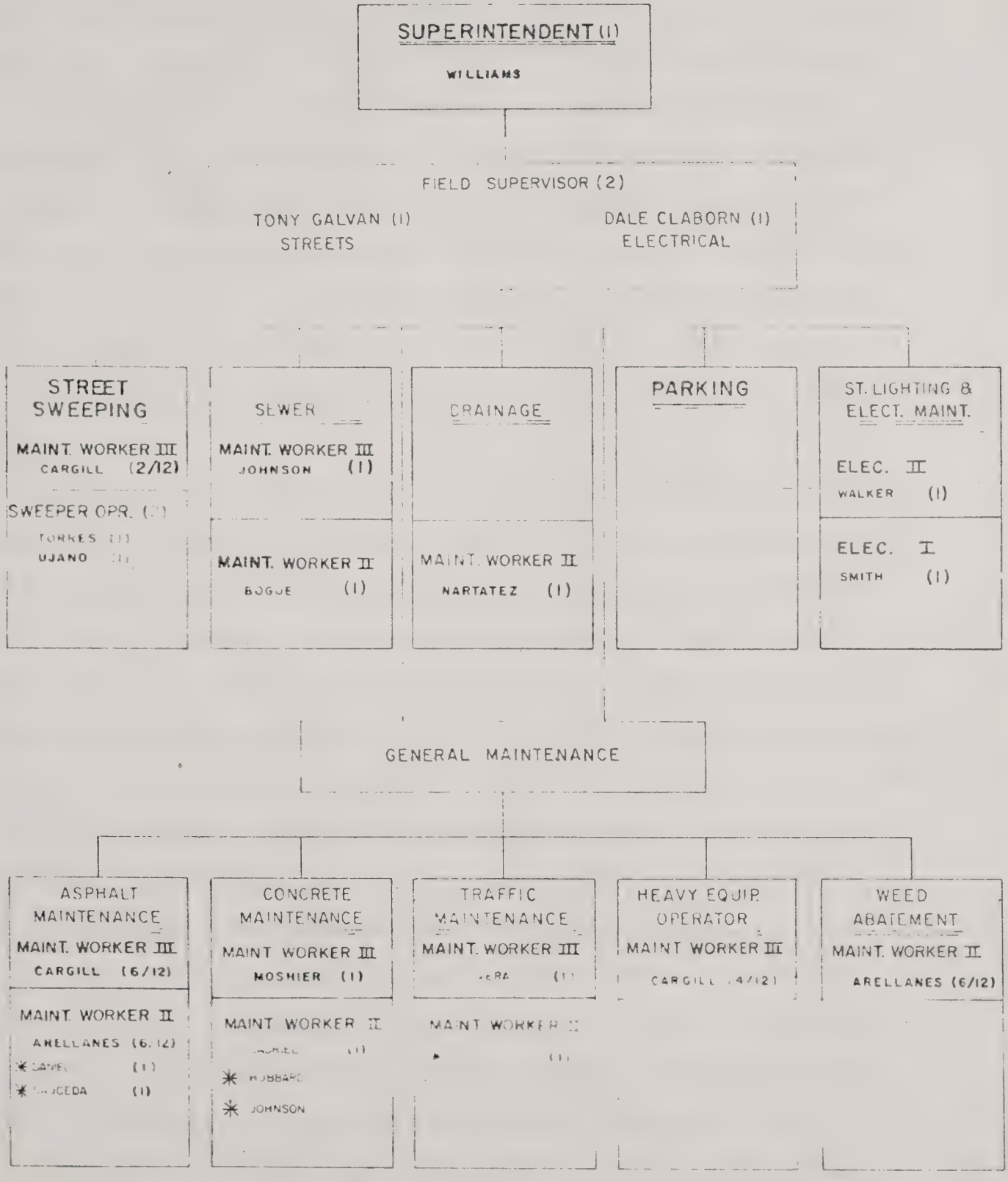
TYPE OF MAINTENANCE	HOURS	% of Total
Patching	6,640.00	15.4
Painting	2,605.00	6.0
Sweeping	3,863.00	8.9
Sewer	1,982.00	4.6
Drainage	1,307.00	3.1
Alley	926.50	2.1
Concrete	3,730.50	8.6
Sidewalk (CETA)	1,681.00	3.9
Signs	1,006.00	2.3
Barricades	138.50	0.3
Street Lights	3,251.50	7.5
Streets	11.00	0.0
City Hall	111.00	0.2
Engineering	15.00	0.0
Rec & Parks	771.50	1.7
Fire Dept.	240.50	0.5
Police Dept.	555.00	1.2
Mech. Div.	42.00	0.1
Water Div.	210.00	0.4
Planning	33.00	0.0
Wastewater	303.50	0.7
Library	50.00	0.1
Building Maint.	494.00	1.1
Town Center Mall	242.50	0.5
Warehouse	52.00	0.1
Parades	95.00	0.2
Industrial Sick	338.00	0.7
Voting Booths	32.00	0.0
Supervision	90.00	0.2
Sanitation	244.00	0.5
Town Center Mall	242.00	0.5
Overlay/Chip Seal	959.00	2.2
Weed Abatement	1,156.00	2.6
Disability	80.00	0.1
Absent	573.00	1.3
Vacation	2,236.00	5.1
Sick Leave	2,033.50	4.7
Comp Time Off	814.00	1.8
Floating Holiday	1,086.50	2.5
Holiday	792.00	1.8
Miscellaneous	110.00	0.2
Regular Hours	41,143.00	
Comp Time On	550.50	
NYC/Part Time	1,426.00	



TOTAL MAN HOURS 43,119.50

STREET DIVISION

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS
ORGANIZATION CHART
(EXISTING)



* C.E.T.A.

WASTEWATER TREATMENT PLANT

The Wastewater Treatment Plant is located on Black Road approximately 2.5 miles west of Santa Maria. Its purpose is to treat all domestic and industrial waste as collected and conveyed by the sewer system, at a reasonable cost. Treatment is classed as secondary in nature through the use of biofiltration with anaerobic sludge digestion. The plant operated at approximately 85% design capacity and removed an average of 84% of the BOD (Biochemical Oxygen Demand), 78% of the COD (Chemical Oxygen Demand), and 89% of the total non-filtrable residue (suspended solids). The plant effluent is suitable for irrigation of permanent non-dairy pasture land and fodder crops. Digested sludge averaged 60% volatile reduction. This sludge is dried in earthen beds and can be used as a soil conditioner in the absence of root crops.

The plant is maintained and operated by one Superintendent, one Field Supervisor, one Laboratory Technician, one Source Control Inspector, and four Operators. In late Spring three certified operators including the Source Control Inspector, found alternative employment. After several months all three positions were filled by trainees. During this period the Field Supervisor was also absent due to illness. Except for the trainees, all positions are currently filled by personnel certified in compliance with State Bill AB 1961. In addition to the mandatory State certification, the Laboratory Technician has earned voluntary certification in Laboratory Technology through the California Water Pollution Control Association.

Prior to plant expansion construction, tours by students and other interested groups continued to be given on request. A total of 49 people toured the plant this fiscal year. Visitors are shown and told about the various components of wastewater treatment used at the plant. Generally the tours are concluded with a visit to the laboratory where a question and answer session is held.

The following tests were performed in the wastewater treatment plant's State certified laboratory:

48 dissolved oxygen	24 chloride ion concentration
49 biochemical oxygen demand	11 phosphate ion concentration
22 chemical oxygen demand	8 sulfate ion concentration
49 total non-filtrable residue	5 nitrate
48 grease and oil	49 sludge samples for percent solids
354 settleable solids	53 sludge volatile acid & alkalinity
347 pH	4 total filtrable residue
354 electrical conductivity	

Certain tests required by the State Water Quality Control Board were beyond the scope of the plant laboratory. For this reason, "Fruit Growers Laboratory" performed the tests under contract for the annual analysis (heavy metals, MBAS, phenols, polychlorinated byphenyls, and total chlorinated hydrocarbons), and a portion of the quarterly analysis (sodium, boron, and total nitrogen). The results of the above tests do aid in plant operation, and in some cases, reflect plant efficiency or indicate where more source control is needed. In addition to the above, BOD and Total Non-Filtrable Residue tests were performed on industrial waste discharges to the sewer system as necessary for wastewater strength determinations and charges as required under the wastewater ordinance.

Capital improvements this fiscal year included a portable hoist, impact wrench, fence relocation at Dejoy Lift Station and a desk, chair, filing cabinet for the Industrial Source Control Inspector. The only major maintenance operation this fiscal year was the replacement of #1 lift pump at Dejoy Lift Station.

Other repairs included rewinding three (3) electric motors, calibration of flow meter by a factory representative, replaced bearings and belts on gas scrubber at Dejoy Lift Station.

Preventive maintenance program has been minimal because most of the equipment will be replaced under the plant expansion.

With the 6.8 million dollar plant expansion in progress since January 7, 1980, the plant personnel has had to work in adverse conditions such as open trenches, rerouting pipe lines, power outages, broken lines and shortages of operation personnel. The plant expansion and disposal field should be completed approximately October, 1981.

Rains this past fiscal year caused some high flows because the construction personnel left manholes in new subdivisions open and unattended. Also, in March heavy rains flooded Black Road from the Blosser and Stowell area causing little damage to the plant, however, causing erosion of farm land in the vicinity

Revenue collected for vacuum truck, septic tank dumping at the treatment plant amounted to $12,770; the past year's total cost for plant operation was $303,509. Includes $77,130 for General Administration Services, however, excludes $2,010,737 expended for the Clean Water Grant project. During the fiscal year 1979-80, 1,710,560,000 gallons (4.69 mgd) of wastewater was treated at a maintenance and operations cost of $132.39 per mill. gal. (not including General Administration).

Total flow is lower than the previous fiscal year because the freezer plants have commenced a water conservation program. The cost per million gallons is lower due to operating with 3 to 4 less personnel for 3 months, lower electrical rates and there were no large mechanical repairs. The following table and graph show the comparative measurements over the past ten years.

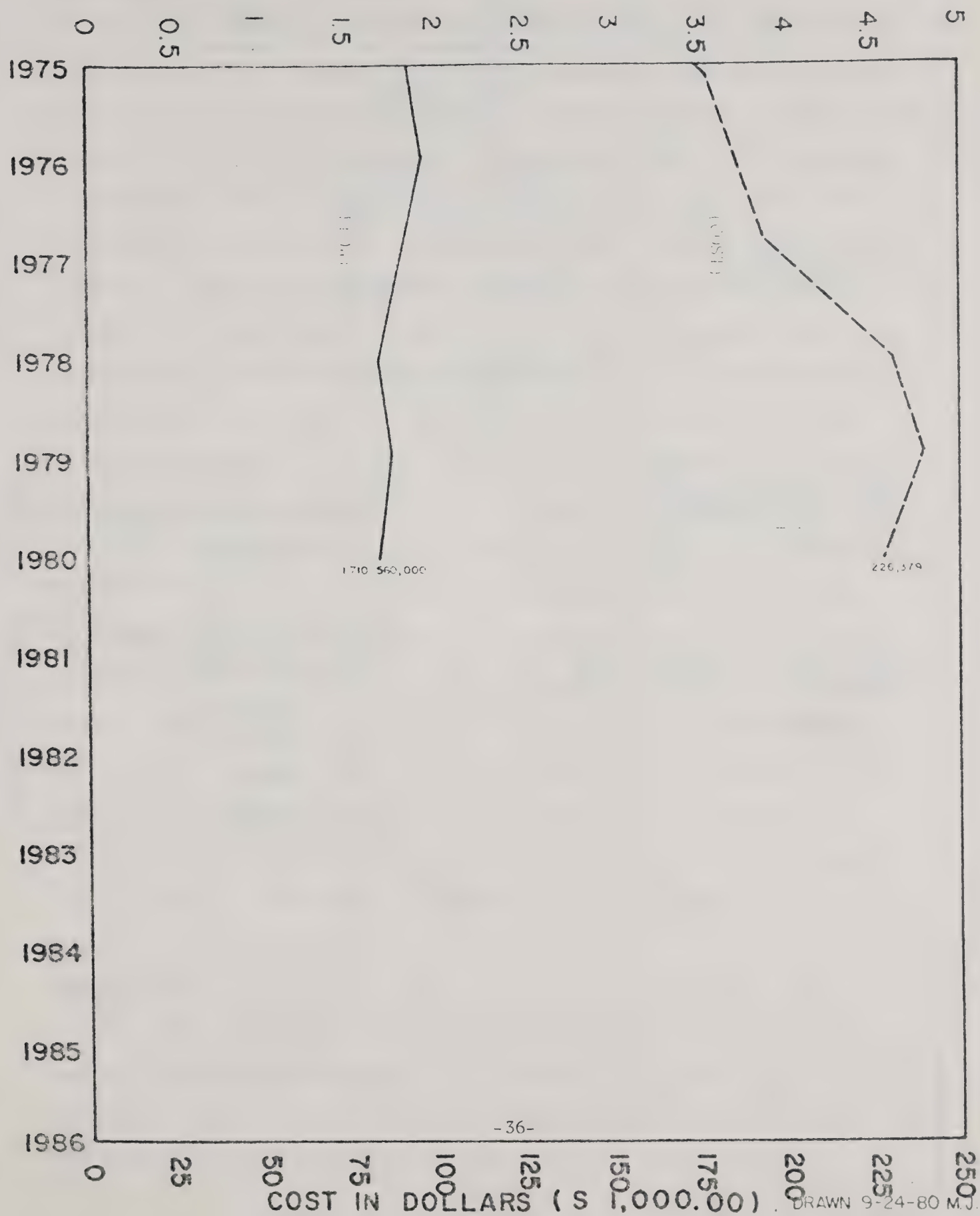
TREATMENT QUANTITIES & COSTS

Fiscal	Gallons Sewage Flow	Cost Treatment Per Million Gals.	Cost
1970-71	1,583,746,000	58.09	$ 92,000
1971-72	1,636,760,000	64.43	105,450
1972-73	1,602,693,000	75.09	120,340
1973-74	1,762,962,000	80.45	147,701
1974-75	1,814,920,000	97.95	177,779
1975-76	1,835,380,000	101.00	185,385
1976-77	1,746,560,000	113.94	199,000
1977-78	1,666,090,000	138.29	230,396
1978-79	1,727,600,000	136.59	235,973
1979-80	* 1,710,560,000	** 132.39	226,379

* 5,091 acre feet

** 44.47 per acre foot

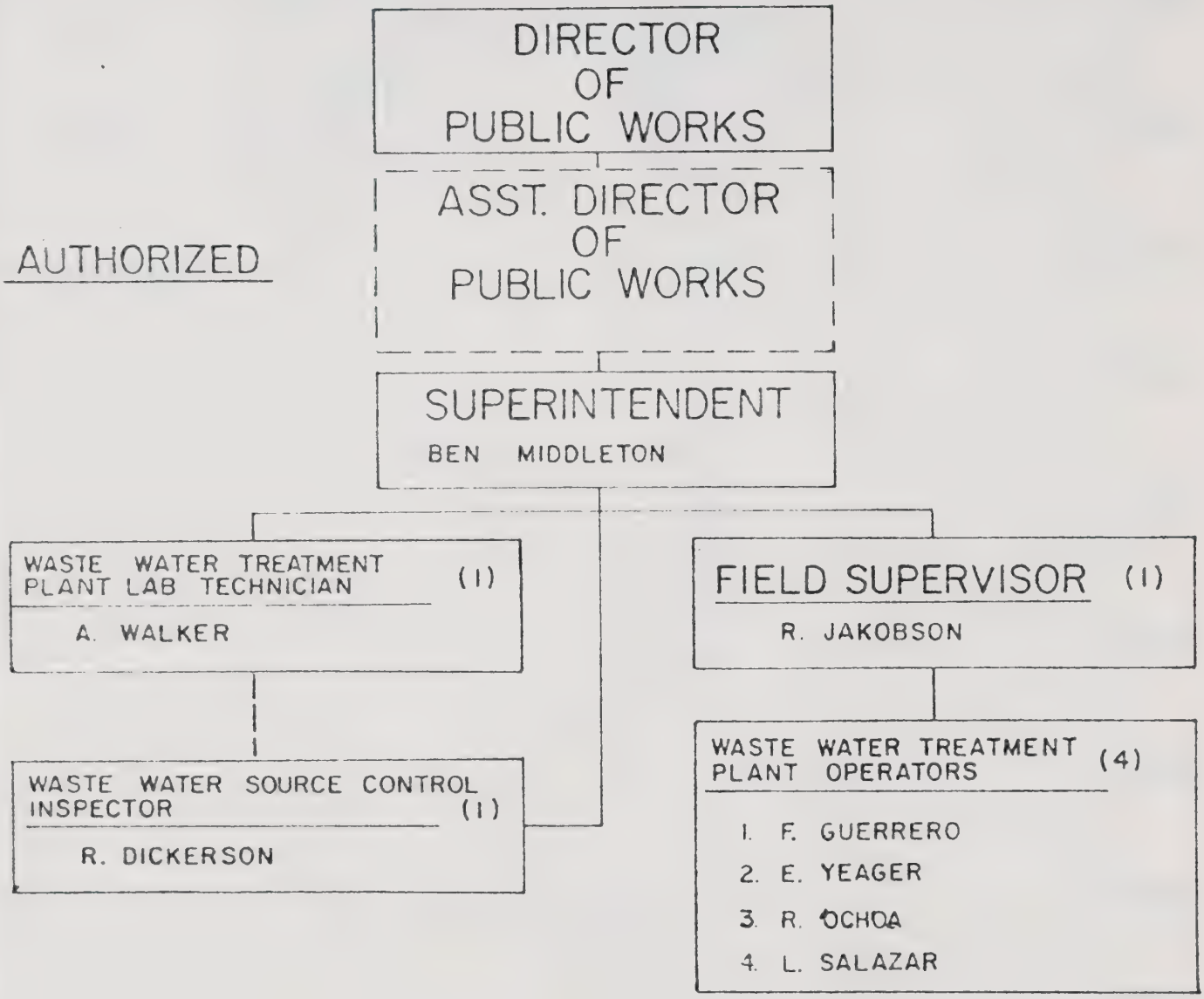
w/Gen. Admin. $177.49/mg
59.62/af


SEWAGE FLOW IN GALLONS (10³)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1,710 $60,000
226,379
0
25
50
75
100
125
150
175
200
225
250
COST IN DOLLARS ($ 1,000.00)
DRAWN 9-24-80 M.J.

WASTE WATER TREATMENT DIVISION

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART



WATER DIVISION

PRODUCTION

Fifty-six (56) water samples per month were collected throughout the system by the Water Division Personnel for bacteria analysis in compliance with the State Health standards. The analysis in all cases substantiated that the water system is clean. Also as required by State Health standards, tests were performed by the City Water Division on water samples for general minerals - heavy metals, radioactivity, turbidity, color, odor and temperature, all were well within the standards. Repairs were made on approximately ten well chlorinators which included six rebuilt chlorinator pumps. Technical maintenance was carried out on the automatic well control and pressure control system. The system includes telemetering and electronic components at a headquarters main control panel, a failure alarm system, a sub-panel and several remote stations. The water production capability is comprised of 10 water wells and are located within the Santa Maria Public Airport boundaries, with the exception of two, close to the center of the City. The wells furnished an average 7.5 million gallons per day to satisfy the customers demands. The two ground level and two elevated reservoirs used in conjunction with the wells, have a total of 15.5 million gallons storage capacity. The new 7-million gallon reservoir has increased the "elevated" reservoir capacity to 13.0 million gallons. The combined well production and reservoir capacity must also supply the peak demands of 14 million gallons per day and allow at all times for a reserve fire flow supply. This all amounts to an annual total consumption of approximately 2.7 billion gallons.

DISTRIBUTION

The water distribution section is responsible for transmitting water from the well source to the people. This service is provided to over 11,373 accounts through a water line system which is approximately 208 miles long. This section also provides the meter reading function, water billing and

collection service, installation of service lines, meter maintenance and maintains all water distribution facilities in their entirety. The income from all water sold this fiscal year is shown on following graph. Totals of various water division functions during the fiscal year 1979-80 are listed as follows:

	FUNCTION	NO. COMPLETED
1.	Water meter readings	68,028
2.	Water service turn-ons	2,495
3.	Water service turn-offs	2,680
4.	Collections (delinquent bills)	1,290
5.	Water meter re-reads	3,294
6.	Miscellaneous service calls	1,336
7.	New service line and taps installed	446
8.	Water meters installed	851
9.	Water meters removed	444
10.	Water meters repaired in shop	218
11.	Water meters repaired in field	3,038
12.	Renovation of water meter locations	2,869
13.	Ball valves installed	926
14.	Water meter vaults installed & replaced	335
15.	Water line leaks repaired	113
16.	Flushing dead-end stations	270
17.	Flushing fire hydrants	1,086
18.	Fire hydrant repairs, painting & maintenance	717
19.	Main line gate valves operated	987

WATER QUALITY

Ongoing monitoring and testing of the City's water system is to assure that the water is of good quality and within the allowable limits of the State Department of Public Health.

1. Chlorination of the source water is applied at each well which carries the chlorine throughout the system and thus a 0.1 p.p.m. residual of free chlorine is maintained in the extremities of the distribution system. This minimum amount of free chlorine is a positive indicator that any pathogenic material that may have entered the system will be killed off by the chlorine exposure.

2. Bacteriological monitoring is accomplished by collecting fourteen water samples weekly at various locations in the distribution system and tested in the County Health Department Laboratory in Santa Barbara. Again this year, the excellent and continuing bacteriological free record of the City water system can be attributed to chlorination, flushing of dead-end lines and fire hydrants, and an effective cross connection control program.

3. Ground water source sampling is made on an annual basis for a chemical analysis of each well. These tests show any changes in the water quality relating to mineral content. The total mineral content this past year averaged 624 p.p.m. and the hardness contest was 453 p.p.m. or 26.5 grains per gallon.

4. Heavy metal analysis of each well source is tested every three years to ascertain that the water is less than the maximum allowed by the United States Public Health Standards and the State of California Department of Public Health requirements for drinking water. Consistantly the water has been within these limits.

THE CROSS CONNECTION CONTROL PROGRAM is primarily a procedure to protect the public water supply from potential sources of contamination. This refers to any connection that could permit toxic or pathegenic material, or materials objectionable to taste or odor, from entering the public water system.

During the past year the following quantities of "backflow prevention" items of work were performed:

ITEM	NO. COMPLETED
Installed	40
Replaced	5
Repaired	0
Tested	32
Installation Inspection	39
Survey Inspection	200
Informational Services	102
Conferences	24
Correspondence Reports	323

NOTE: Due to not having a Cross Connection Inspector and a certified tester, the number of functions this fiscal year were considerably lower than the previous year.

Capital improvements completed or contracts awarded in conjunction with other named projects for 1979-80 fiscal year, consisted of six major projects as follows:

INSTALLATION OF WATER LINES

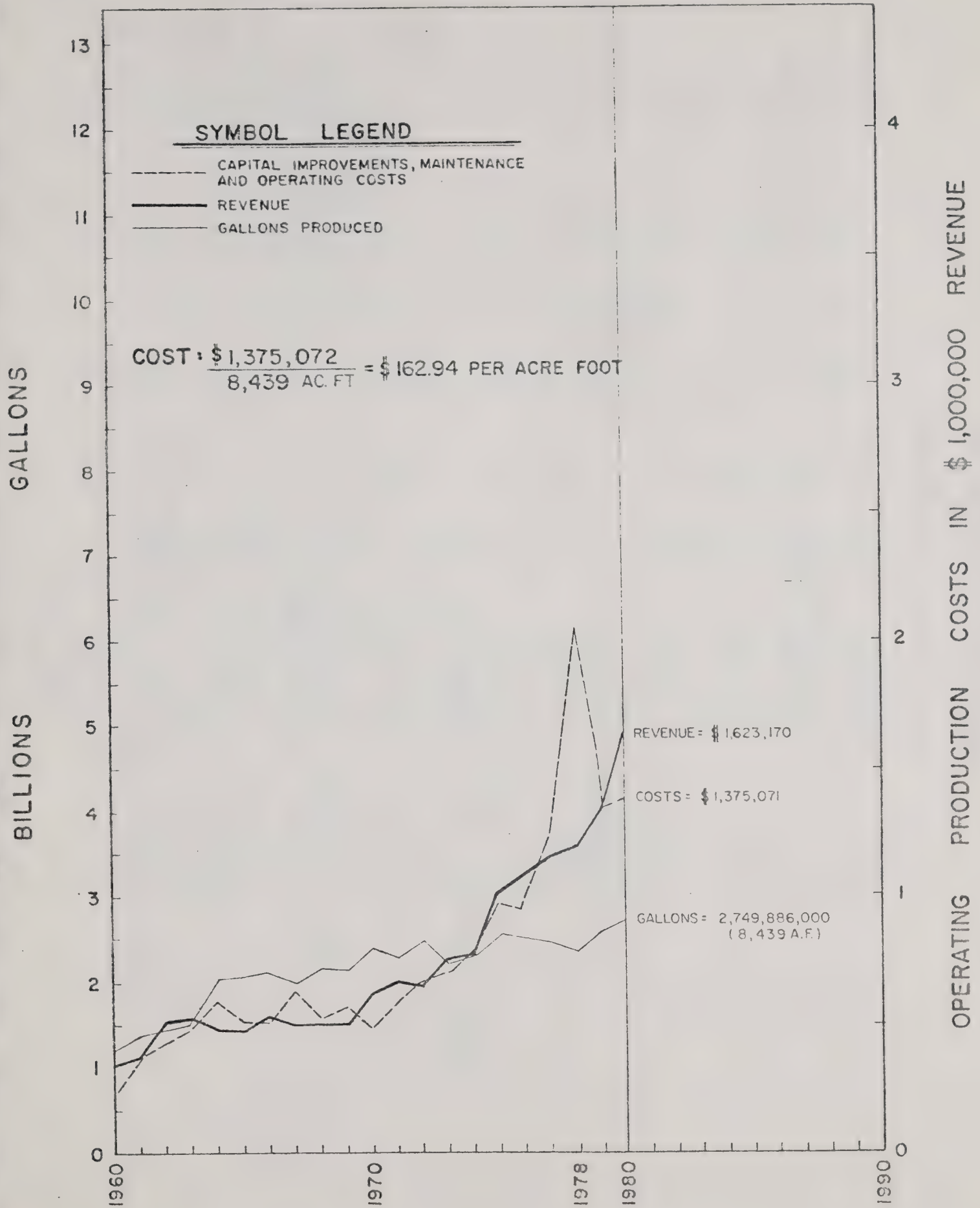
1.	Installation of 12" A.C. water line in Blosser Road from LaBrea to Stowell Road	$ 38,059
2.	Replace 16" Techite transmission water line in Blosser Road from LaBrea South 2,600 feet.	72,500
3.	Installation of 8" A.C. water line in alley mid block of 800 South Broadway, east on Park to McClelland	16,489
4.	Installation of 8" A.C. water line in alley north of Church Street from Smith to Lincoln	59,853
5.	Replace 16" Techite transmission line in easement between Skyway and Well 10-S on "A" Street	130,276
6.	Installation of 10" water line in Miller Street through the Newlove area	23,144

The continuation of the present level of service to the public during the budget year of 1979-80 caused the purchase of equipment and replacement as follows:

1.	New water meters	$ 16,940
2.	Replacement of obsolete electronic components in the main water control panel	33,000
3.	Up size existing 3/4 ton service truck to a 1-ton	1,590
4.	Hydraulic operated tools	2,700
	TOTAL DEBT REDEMPTION	$124,460

ANNUAL~WATER PRODUCTION

DELIVERED COSTS, SALES REVENUE

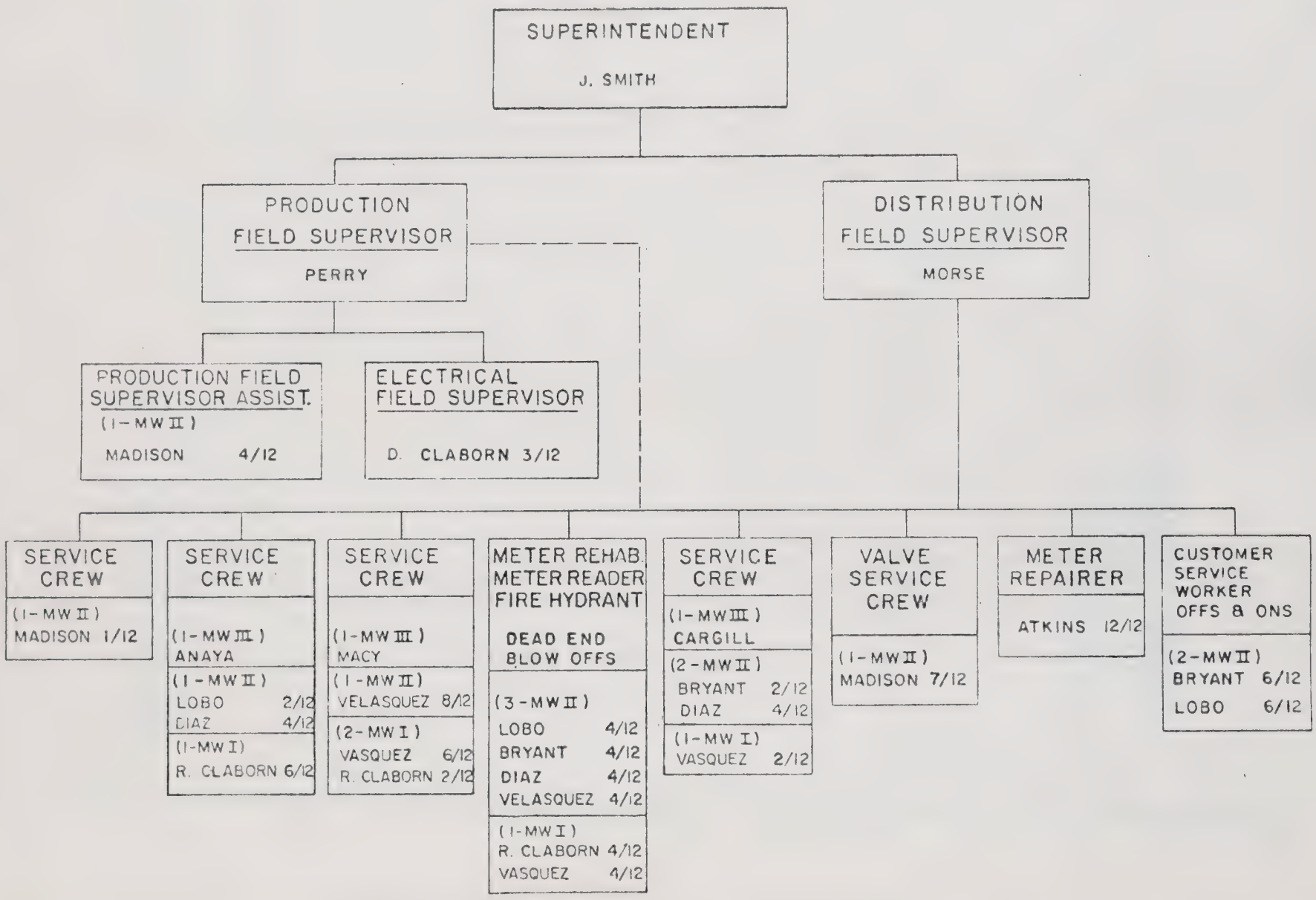


WATER DIVISION

PUBLIC WORKS DEPARTMENT

ORGANIZATION CHART

EXISTING



Standard Specifications & Standard Drawings

The Standard Specifications and Drawings are available through this office and have been updated and revised through this year. These specifications and drawings indicate typical approved methods and materials for all types of Public Works construction.

Microfilm & Indexing System

On a continuing basis, all drawings, maps, specifications and photographs produced during the year are microfilmed, mounted on aperture cards and filed with all other documents and records.

TOPICS Plan and Study Report for Santa Maria Urban Area - Implementation

This report which used uniformity of traffic control and traffic safety measures as criteria was completed in November 1973. The study identifies locations of greatest traffic congestion and relative accident frequency and also recommends remedial projects in priority of importance.

Of the eight locations recommended in the improvement plan, seven are now complete and the last is programmed in the five year improvement plan.

The Bradley & Stowell signal installation was the most recent project completed which became operational December 1979. Miller and Donovan signals are programmed in the five year program.

Five Year Capital Improvement Program

Along with each of the other City departments, the Public Works Department developed recommendations for capital improvements deemed desirable over the next five years. This information, after coordination with other departments and comparison with our financing capabilities by the Administrator's office, resulted in the capital improvements program section of the current year's budget.

Engineering Division Forms and Checklists

The Engineering Division has developed standardized forms to aid in the consideration and evaluation of subdivision maps and public improvement drawings. These standardized forms are evaluated and revised on a continuing basis throughout the year.

South Miller Street Extension

On November 25, 1974, the City and Santa Barbara County Department of Transportation entered into a cooperative agreement whereby the City and County would utilize their respective Federal Aid Urban (FAU) funds for the construction of this roadway between Stowell Road and the Orcutt Expressway approximately two miles. The agreement provided for the County to design, acquire right of way and construct the project.

Calendar year 1975 was essentially consumed in preliminary design. On October 29, 1975 the City Council approved an alternative alignment. On March 9, 1976, the Design and Location Public Hearing was held at which time the Environmental Impact Report was available for review.

During mid 1976, the County retained Cal-Trans to handle all right of way acquisition matters. This work and the final design continued into 1979.

Construction of the roadway was essentially completed during January to July 1980 by M. H. Hermreck Construction Company of Nipomo, with the roadway being opened for traffic on August 11, 1980.

Wastewater Treatment & Disposal Facilities

At the request of SWRCB (State Water Resources Control Board) staff during mid-1979 the Step 2 (design) and subsequent Step 3 (construction) work was split into two projects, treatment and disposal. At the time, land acquisition for the disposal portion was not complete and it was thought advisable to proceed with construction of the treatment portion of the project and follow up immediately with construction of the disposal portion.

On December 4, 1979, the City Council awarded the treatment portion of the clean water grant project to Carl W. Olson & Sons, Company for $6.549 million. Work has been proceeding on schedule and is anticipated to be complete in August 1981.

Advertising for the disposal portion commenced on July 15, 1980 with bid opening scheduled for October 7, 1980 and anticipated award scheduled for December 16, 1980. This work should also be complete in August 1981.

The proposed complete project will maintain the secondary type treatment with land disposal of the effluent as it presently exists. The modification and enlargement will increase the treatment and disposal capacity from 5.0 MGD to 7.8 MGD.

Amended Agreement With Laguna Sanitation District

In January 1980 and on February 5, 1980 the Board of Supervisors and City Council respectively approved an amendment agreement concerning sewer service to a portion of the Laguna District. The amendment provided the vehicle whereby Laguna's lift station in the Country Club Estates subdivision could be abandoned and this flow diverted by gravity to the City's lift station in the Country Club Garden's subdivision (Bower Estates). Laguna accomplished the construction work necessary and flow was diverted in February 1980. The agreement provides for Laguna sharing in operational costs for the City's lift station in perpetuity.

Residential Solid Waste Collection

On November 6, 1979, the City Council approved a staff submitted report which authorized exercising the purchase option of the leased sideloader [illegible] to convert residential collection equipment to sideloader where essentially curb pick up exists.

The City Council at their July 17, 1979 meeting approved a lease/purchase agreement so that the City staff could obtain a sideloading refuse collection truck to be used for residential accounts in order to conduct a study of its operation in the City. After useage for some three months, five different route assignments were tried. It was concluded the study was successful and that this type of equipment could provide a more cost effective collection means (approximately 21% less) for curb side pickup than the rear loading type pieces of equipment. The study also indicated that the sideloader was not as efficient as the rear loader in narrow alleys. Man power reduction of full time personnel complement will occur through attrition.

On June 2, 1980, the entire City residential collection was re-routed to implement useage of two sideloaders everyday of the week. It is estimated that by the fall of 1980, sufficient trained sideloader operators will be available to implement useage of the three sideloaders in our fleet on a daily basis; three other pieces of equipment used on a daily basis are the rear loading type.

Mechanical Maintenance Division

During the fiscal year the position of preventative maintenance inspector (PMI) mechanic was created which was approved in the '79-'80 budget. One of the division's mechanics was successful in competing for the promotion. Although not a specific recommendation of the 1977 William Eldridge report, this area of expertise was envisioned to be assigned to a future mechanical supervisor position. This move resulted in the same net positions in the division with one maintenance worker position being deleted in the future through attrition.

The PMI mechanic is responsible for:

a. performing highly technical mechanical repairs and diagnosis.

b. relieves heavy work load on mechanical maintenance supervisors.

c. specific technical area of repair such as automotive, electrical, carburetion, preventative maintenance inspections, diesel and special heavy duty equipment.

d. supervising mechanic(s) in complex assignments assigned by mechanical supervisor.

e. operating a variety of equipment with the repairs and servicing of equipment.

f. maintaining records.

As the City fleet continues to grow both in numbers and complexity, this position will provide the assistance necessary for the superintendent and mechanical supervisor.

Department Reorganization

During 1979, three key top management positions in the department became vacant; retirement of Assistant Director of Public Works - Operations, William Litzenberg and the deaths of Associate Civil Engineer Ray Emberton and Sanitation Superintendant William Martins.

In an effort to structure our departmental service to meet demands as well as be within the financial resources available, the departmental reorganization after considerable study and research was approved by the City Council on November 20, 1979. The following charges occured as a result:

1. The position of Assistant Director of Public Works - Operations and Associate Civil Engineer were deleted. The job specifications for the one remaining Assistant Director was revised to include some of these responsibilities.

2. Two of three Assistant Civil Engineers were reclassified to Project Engineers and Transportation/Planning Engineer. A few months later, the third position was reclassified to Development Engineer. These reclassifications permitted more responsibilities to be assumed by these positions which previously were handled by the Associate Civil Engineer and Assistant Director of Public Works-Engineering. Additionally, one engineering aide position was added to the engineering division.

5. The Sanitation Superintendent position was authorized to be filled plus one new position of field supervisor was authorized for the Sanitation division. This resulted in one supervisor in charge of residential collections and the other supervisor in charge of commercial collections plus the solid waste disposal facility.

The reorganization is working well and resulted in an annual salary savings of $21,000.

APPENDIX B

Financial Information

UNCTION	Overhead	Operations	F.Y. EXPENDITURES Capital Outlay	Bond Service	FUND SOURCE (S)	
MINISTRATION		94,551	227		General Water Refuse-Coll. Refuse-Disp. Sewer	64,066 11,679 11,546 2,459 5,028
UILDINGS		146,953	7,980		General Water Refuse-Coll. Refuse-Disp. Sewer	115,810 14,877 14,708 3,133 6,405
NGINEERING		282,318	15,524		General Water Refuse-Coll. Refuse-Disp. Sewer Gas Tax	212,174 30,296 29,950 6,380 13,042 6,000
REETS		826,094	514,478		General Gas Tax	613,401 727,171
EWER	17,330	58,827	18,949	103,690	Sewer	198,796
STEWATER PLANT	59,800	222,954	6,991,291**		Sewer/Grants	329,9247 6,944,121
AN COLLECTION	169,670	713,703	15,011		Refuse-Coll.	898,384
AN. DISPOSAL	42,400	181,633	56,623	40,200	Refuse-Disp.	320,856
RAINAGE		22,115			General	22,115
TER	193,830	830,538	421,801	124,457	Water	1,570,626
ECH. SHOP		675,756	431,022 *		Equipment	1,106,778
ARKING DIST.		730	5,438		District	6,168
OWELL CENTER		16,496			Maint. District	16,496
ARKING AUTH.		123,140		622,404	General	745,544
UBLIC TRANSIT		113,474	95,594		Gas Tax	209,068

NOTE: The above information should not be used as final audit figures, but are reasonably accurate for the purposes of this summary.

* The equipment replacement expenditure of $421,213 is not included, but is funded through equipment pool rental program.

** Includes Wastewater Treatment Plant Grant Construction

PERSONNEL NOTES

The total permanent employees working in the Public Works Department during fiscal year July 1, 1979 to June 30, 1980 amounted to 87, which included all the divisions. During the same period 2 full time employees left City employment and were not replaced.

The number of positions vacated in the department as a result of employees that either retired or left the City for personal reasons consisted of the following:

2 - Ass't. Director of Public Works	Larry McPherson	left city	02/09/80
	Bill Litzenberg	retired	07/01/79
1 - Associate Civil Engineer	Ray Emberton	deceased	08/03/79
2 - Maintenance Worker I	Dave Dayton	left city	11/03/79
	Richard Rojas	left city	08/25/79
4 - Maintenance Worker II	Eddie Diaz	left city	03/14/80
	Tommy Kerr	left city	06/14/80
	Ernie Martin	left city	
	Tony Morales	left city	07/14/79
1 - Account Clerk I	Elmer Koch	left city	06/28/80
1 - Water Meter Repairer	Rod Atkins	left city	03/08/80
1 - Mechanic II	Fred Bawden	left city	10/13/80
1 - W.T.P. Operator/Inspector	Ron Dickerson	left city	03/15/80
2 - W.T.P. Operator	Ray Ochoa	left city	05/03/80
	Leonard Salazar	left city	05/26/80

The above constitutes a turnover rate of 17% for all employees; 1% retired and 16% who left for personal reasons.

During fiscal year the City was still participating in the Federally funded program, Comprehensive Employment and Training Act (C.E.T.A.). There were 17 individuals employed in this program for the fiscal year; however, as of June 30, 1980, 4 individuals in the C.E.T.A. program had become regular City employees by filling 1 vacancy occurring in the Buildings Division; 1 vacancy occurring in the Water Division; 1 vacancy occurring in the Sanitation Division and 1 vacancy occurring in the Street Division. The remaining C.E.T.A. employees continued to fill their one year training.

Summer programs were provided and training was carried out for a total of eight (8) Work Aides of primarily high school age young adults in the following areas:

1	Buildings Division
3	Street Division
2	Water Division
1	Mechanical Maintenance
1	Wastewater Division
8	TOTAL

Five (5) employees worked in the Public Works Department under the Neighborhood Youth Corps Program, which is financially supported by State funds to provide work experience and financial aid.

1	Street Division
1	Engineering Division
3	Mechanical Division
5	TOTAL

Assistant Director of Public Works, Lawrence R. McPherson, departed from our department's staff to become the Director of Public Works of Atascadero on February 8, 1980. This caused us to pause and make grateful acknowledgment of Larry's many contributions to the City since his employment commenced on April 25, 1973, coming to our City from the City of Garden Grove. Over the approximate seven year period, with his primary responsibility being in charge of the Engineering Division, he supervised the design and construction of over $10.6 million dollars worth of public improvements in the community. Most notable projects would be the parking structure for the Santa Maria Town Center and the 7 M.G. domestic water reservoir.

EMPLOYEE ROSTER

DIRECTOR OF PUBLIC WORKS
Riddiough, Reese

ADMINISTRATIVE DIVISION

PERSONNEL

Albright, Kathy
Holling, Wendy

ASSISTANT DIRECTOR OF PUBLIC WORKS

Sinn, Jeffrey

PERSONNEL

Diaz, Lino
** *Gambie, Jean*
Hathorn, Mickie Jo
Kirkpatrick, Mike
Palato, Carman
Pantoja, Henry
Rios, Harold C. Jr.
Soares, Herbert
Ujano, Lorenzo
Wall, Robert
Zuspan, John

BUILDING DIVISION

SUPERINTENDENT

Anderson, Norman

PERSONNEL

** *Almaguer, Tony*
** *Ayonayon, Frank*
Dayton, David
Johnson, Roy
Marsh, Harold
* *Rivera, Florante*
** *Robinson, Robert*
** *Sanders, Scott*
Stockton, Loy

WASTEWATER DIVISION

SUPERINTENDENT

Middleton, Ben

FIELD SUPERVISOR

Jakobson, Russell

PERSONNEL

Dickerson, Ronald
Guerrero, Froyland
* *Hopkins, Steve*
Ochoa, Raymond
Salazar, Leonard
Walker, Alan
Yeager, Edlebert

STREETS & SEWERS DIVISION

SUPERINTENDENT

Williams, Bill

SUPERVISOR

Claborn, Dale (Elect.)
Galvan, Tony (Streets)

PERSONNEL

Arellanes, Raymond
Bogue, Manning
Cadriel, Agustin
Cargill, John
* Castillo, Samuel
* Daniel, Glasel
* Hubbard, Barry
* Johnson, Aaron
Johnson, Robert
Moshier, Don
Nartatez, John
Olivera, Theodore
* Sauceda, Mike
Torres, Jesse
Ujano, Robert
Walker, William

SANITATION DIVISION

SUPERINTENDENT

Noble, Bill

SUPERVISOR

Miranda, Pete (Disposal)
Montes, Albert (Collection)

PERSONNEL

Anaya, Ernest
** Balerio, Jose
Brown, Billy
** Brown, Luis
Caballero, Richard
* Casarez, Robert
Chavez, Michael
Coppess, Charles
Dutra, Gordon
Garcia, Gilbert
Hernandez, Rudy
Kerr, Tommy
Knopf, Mike
Koch, Elmer
Lemos, Jesse
Limon, Arthur
** Lopez, Benji
Lopez, Silvestre
Medrano, Ron
** Meriot, Francis
Moore, Sheryl
** Moreno, Mark
Sanchez, Gregory
Soto, Percy

OPERATIONS
(Cont.)

WATER DIVISION

SUPERINTENDENT

Smith, Jesse

SUPERVISOR

Morse, Carmel (Distribution)
Perry, Jim (Production)

PERSONNEL

Anaya, Manuel
Atkins, Rodney
Bryant, Wayne
Cargill, Jim
Claborn, Ron
Diaz, Eddie
** Feiner, Joe
** Henry, Barry
Lobo, Ronald
Macy, Steve
Madison, Melvin
Vasquez, Henry
Velasquez, Dario

MECHANICAL MAINTENANCE DIVISION

SUPERINTENDENT

Ramirez, Hank

SUPERVISOR

Merino, George

PERSONNEL

Azcarate, Larry
Bracamonte, Daniel
Corral, Charlie
Cox, Jim
** Hayes, Chris
** Lopez, Joe
Martin, Jerry
** Rust, Lydia
Walters, Delbert
West, Millard
Williams, Larry
Wolf, Marcelino

* CETA Employee
** Part Time

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